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WHEN TO SOW

★ Our Ball White No. 16 and our strain of Lilac Lavender No. 1 will be invaluable for next Easter, April 25th. For this we will sow November 10th to 15th; for Mother's Day about December 1st. Turn this page for further cultural notes.

BALL NON-BRANCHING **STOCKS**

CATALOG NO. 45 • SEPTEMBER 1942

Geo. J. Ball
INC.
WEST CHICAGO
ILLINOIS

NOTE! THIS CATALOG IS NOT COMPLETE.

It is intended to draw your attention to some seasonal specialties, note index of its contents below. Should you wish our full list, refer to our January catalog, mailed on request. We are glad to say that of the 1700 varieties of Flower Seed we carry, not over a dozen cannot be supplied at this time. We are preparing for an active spring business and we trust you are in position to do the same.

Geo. J. Ball

BUSINESS TERMS

NOTE—CASH DISCOUNT! When cash is enclosed, a discount of 5% is allowed on all orders from \$1.00 to \$25.00. On \$25.00 and over, 8% is allowed. Prices quoted on Cyclamen seed and Plant Bands however are net, no cash discount. Plant and Bulb prices are net unless quoted otherwise in special catalogs or lists.

Cash should accompany all orders unless credit has been established. **IMPORTANT.** Make all checks or money orders payable to GEO. J. BALL, INC., WEST CHICAGO, ILLINOIS.

NOTE. Our seed sold only in our printed packets or containers. Order from us only or thru our regular agents.

ALL PRICES in this catalog subject to change without notice.

ALL SEED ORDERS sent prepaid to U.S. and Canada at catalog prices. **AIR MAIL DELIVERY** will be made on request if 8c per oz. is allowed for postage, which includes shipping envelopes.

Our address is WEST CHICAGO, ILLINOIS, on Highways U.S. 330 or

Illinois 64—and on Chicago and Northwestern Ry. You are always welcome here.

HALF TRADE PACKETS supplied only where so listed.

OUR BUSINESS IS WITH FLORISTS ONLY. We do not sell at retail.

SHORTAGES—All items in this catalog are offered subject to crop failures or shortages.

WE USE EVERY PRECAUTION to supply seeds of highest quality only and promptly refund price paid for same if unsatisfactory with reasonable care.

All seeds sold under Seedsman's disclaimer.

DISCLAIMER. We, Geo. J. Ball, Inc., give no warranty expressed or implied, as to description, quality, productiveness or any other matter of any seeds we sell, and we will not be in any way responsible for the crop. If the purchaser does not accept the seeds on these terms, they are at once to be returned and the money paid for same will be refunded promptly.

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BALL BETTER PLANT BANDS

SEND FOR FOLDER

Just how these Bands can help you is fully described. Glad to send you samples of any size band you want. Write.

TRANSPLANTING INSURANCE

Below is pictured a healthy, well developed carnation plant just lifted from the field and ready to bench, showing the vigorous root system that will quickly send out feeder roots to hasten your plants unchecked into crop production.



BALL BANDS ARE *Easy* TO USE!

PLACING THE BANDS

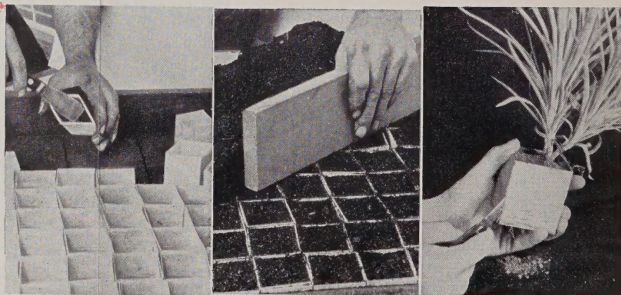
A putty knife is the easiest way to open these bands. Give the bands a light spray with water before opening.

FILLING THE BANDS

The same method may be used whether your bands are in flats or placed in entire bench. Larger sizes available with bottoms.

REMOVING THE BANDS

An upward stroke along the fold with a sharp knife quickly removes the bands. Some growers leave plants right in bands.



Sizes and Prices **ORDER NOW!**

Prices given are F.O.B. our Warehouse, West Chicago and are subject to change without notice.

Wt. per 1000		Wt. per 1000		WITH BOTTOMS		Wt. per 1000	
1 3/4 x 1 3/4 x 2 1/2		4x4x4		4x4x4		6x6x6	
500.....\$1.40		500.....\$2.65		500.....\$3.75		500.....\$9.75	
1000.....2.60	19 lbs.	1000.....5.10	63 lbs.	1000.....7.30	72 lbs.	1000.....19.30	180 lbs.
2x2x3		3x3x6		500.....\$5.40		500.....\$13.20	
500.....\$1.55		500.....\$3.15		1000.....6.15	66 lbs.	1000.....26.15	350 lbs.
1000.....2.90	24 lbs.	2 1/2 x 2 1/2 x 3		4x4x6		6x6x9	
500.....\$1.60		500.....\$3.65		500.....\$7.70		500.....\$6.60	
1000.....3.10	33 lbs.	1000.....7.20	82 lbs.	1000.....15.25	160 lbs.	1000.....12.90	155 lbs.
3x3x3		6x6x6		Quantity discount of 5% is allowed on orders of 25,000 made up of various sizes. If interested in larger quantities write us.			
500.....\$1.95		500.....\$6.05					
1000.....3.70	38 lbs.	1000.....11.90	98 lbs.				
3x3x4		6x6x9					
500.....\$2.25		500.....\$9.60		TO AVOID DELAY IN SHIPPING tell us which way to ship your bands. Freight is cheapest—Express is faster.			
1000.....4.30	44 lbs.	1000.....18.95	250 lbs.				
4x4x3							
500.....\$2.10							
1000.....3.95	45 lbs.						



BALL NON-BRANCHING

STOCKS

WHEN TO SOW for a given date is difficult to definitely say because of varying winter and spring temperatures, and total light intensities, but some additional heat can be used if it is felt they won't make it, and they enjoy a considerable reduced temperature if it is necessary to hold them. Also, they are flowered a week to ten days earlier on raised beds, and deep soil tends to lengthen and soften growth, especially during the dark months. Furthermore, they will sometimes develop as much in 10-12 days of May or late April weather as during the entire month of January. Because of this we find that an early October sowing usually requires six months to flower because nearly all its development is during the dark months. A sowing made in November can be finished in about 5½ months, because it is helped along by some early spring weather. A December sowing calls for around five months, while this is shortened to 4½ months if the sowing is made in January; and if started in February, they come in early in June or four months with us. Chances are that a few hundred miles south of us, this

last sowing would not be over 3½ months in finishing, and because of the extra heat, they would not be quite so strong or fine. And remember too, that some varieties are early, others late. There is a difference of between 10 days to two weeks between Ball Pink No. 11 and the late, semi-branching long stemmed Gardenia. While these suggestions are dependable for average conditions, to hit a given date, the grower must do some close estimating, and temperature regulating during the last month of the crop. Also the harvesting of the bulk of the crop is spread over a week or ten days.

The increasing demand for these stocks has kept pace with our work in developing them. With one exception every variety on our list has either been originated or greatly improved by us. This is accomplished thru the thousand or more single plant selections we carry out annually. Our 25 years experience growing stocks for market helps us in keeping you posted culturally which we do thruout the season in our "Grower Talks." Please order by name and number.



All Non-branching stock seed we send out produces at least 10,000 plants per ounce with us.

PRICES ON ALL NON-BRANCHING STOCK VARIETIES (except Gardenia) as follows: ½ tr. pkt., 60c; tr. pkt. (containing about 1200 seeds), \$1.00; ¼ oz., \$2.50; 1 oz., \$9.00.

WHITE VARIETIES:

***No. 16 Ball White Improved** —Medium Tall. Our finest early pure white, with extra large florets, and well formed compact spikes. Should be sown October 10 to 15 for an Easter '43 crop. We have an ample seed supply of this excellent variety.

No. 15 Ball White Improved. Partial seed crop failure of this long stemmed white makes it necessary to limit it's sale to **Trade Packets only.**

No. 5. Ball White Extra Dwarf. An exceptionally heavy demand for this choice new pot plant variety has exhausted our supply until Fall of '43.

Gardenia. We find this long stemmed pure white variety similar in habit to our original tinged white. It produces some branches around the base of the flower spike and is the latest flowering variety on the list.

Price on Gardenia: Tr. pkt., \$1.00; ⅛ oz., \$2.25; ¼ oz., \$4.00; ½ oz., \$7.00; 1 oz., \$12.00.

LAVENDER, BLUE AND PURPLE VARIETIES:

***No. 1 Lilac-Lavender.** Our own excellent large flowered strain. Should be sown early October for Palm Sunday and Easter use. Ample seed supplies.

***No. 3. Ball Blue.** A medium lavender mauve, identical in habit to the above.

***No. 21. Ball Purple.** Bright Elk's Pride Purple. Blends well with apricot and pale ivory yellows. Long stemmed and extra early.



Victory as in Peace is an American tradition. It must not fail us.

PINK AND ROSE VARIETIES:

***No. 22 Ball Supreme.** Midway in color and blooming date between the two below named varieties, but longer stemmed and larger flowered than either. An excellent variety.

No. 11. Ball Pink. Medium light rose pink. Early and fairly long stemmed.

No. 14 Ball Rose Pink. Several shades deeper and about ten days later than No. 11 Ball Pink. Long stemmed.

BUFF AND CREAM VARIETIES:

***No. 20 Ball Apricot.** Strong growing buff with faint pink tinge. Extra large flowered and a good novelty color blending well with all lavender and blue shades.

***No. 9. Chamois Pink Improved.** A definite rosy buff

or chamois color. Distinctly improves the original stock of this variety in stem length and percentage of doubles but is about a week later flowering.

No. 17. Gold Standard. A long stemmed deep ivory yellow with single flowers white. An attractive novelty color. **Trade packets only.**

MISCELLANEOUS VARIETIES:

No. 6. American Beauty. A rich American Beauty Rose.

No. 8. Ruby. Long stemmed glowing crimson red. An attractive but rather heavy color. Plant moderately for market use.

No. 10. Mixture. This is our own carefully prepared formula mixture balanced according to market demands for the separate varieties.

PRICES ON ALL NON-BRANCHING VARIETIES (except Gardenia) as follows: ½ tr. pkt., 60c; tr. pkt. about 1200 seeds) \$1.00; ¼ oz., \$2.50; 1 oz., \$9.00.

BALL STOCKS—Miscellaneous Varieties

GIANTS OF CALIFORNIA

This class distinctly improves the Bismarcks in vigor of growth, stem length and flower size.

Pacific. Fairly dark lilac-mauve, about the color of Bismarck Lilac. Vigorous long stemmed grower.

Yosemite. About the shade of Bismarck Rose; a clear, bright color and an extra heavy grower.

Roselight. Similar to Yosemite, possibly some longer-stemmed.

***Santa Maria.** Probably the best branching pure white variety being exceptionally long stemmed and strong growing.

Prices for Above Four Varieties Each: Tr. pkt., 35c; ¼ oz., \$1.15; 1 oz., \$4.00.

Mixture of all colors in this new class. Price: Tr. pkt., 35c; ¼ oz., \$1.00; 1 oz., \$3.50.

DWARF TEN WEEK

Dwarf and early; used for pots and bedding under suitable conditions:

Blood Red.	Carmine-Pink.	Lavender.	White.
Canary-Yellow.	Deep-Rose.	Purple.	Formula Mixture.

Prices Each: Above including our Formula Mixture. Tr. pkt., 25c; ¼ oz., 50c; 1 oz., \$1.75.

IMPROVED BISMARCKS

With its dependable percentage of doubles this class continues to be popular.

Blood Red. Bright ruby red.	*Lilac. Fairly deep lilac-blue.
*Chamois. Clear chamois or buff.	*Rose. Fine bright rose pink.
*Elk's Pride. Rich purple.	*Shasta. Giant flowered white.
*Golden Ball. Ivory yellow.	*Lavender. Clear Lilac Lavender.

Formula Mixture—of above colors.

Prices Each. Above including our Formula Mixture; Tr. pkt., 35c; ¼ oz., \$1.00; 1 oz., \$3.00.

Grandiflora Petunias

DWARF ERFURT PETUNIAS

A uniformly dwarf, Grandiflora fringed class that makes an ideal pot plant. We sow this type in January, but the near South should do so a month or six weeks earlier.

***Setting Sun.** One of the original and best of the Dwarf Erfurts. Brilliant deep rose color and heavily fringed flower. Tr. pkt., 50c; ¼ oz., \$1.50; ½ oz., \$2.50.

***Lace Veil.** Practically identical to Setting Sun except flowers are clear white. Tr. pkt., 50c; ¼ oz., \$1.50; ½ oz., \$2.50.

Colorado Sunset. Varies some in color, some lighter than Setting Sun. Shades of pink and rose. Fine free and early-flowering habit. Tr. pkt., 50c; ¼ oz., \$1.50; ½ oz., \$2.50.

Gaiety. Very attractive combination of rose pink with irregular white markings. Typical Dwarf Erfurt habit. Tr. pkt., 50c; ¼ oz., \$1.25; ½ oz., \$2.00.

Dwarf Erfurt Mixture. A formula mixture of above varieties consisting mostly of Lace Veil and Setting Sun with smaller amounts of all other varieties. Tr. pkt., 50c; ¼ oz., \$1.25; ½ oz., \$2.00.

RUFFLED GRANDIFLORAS

***White Queen.** Extra large ruffled, clear white. A very excellent, strong growing and free flowering variety. A quite dwarf growth is combined to suit White Queen to spring pot plant work. Tr. pkt., 75c; ¼ oz., \$1.75; ½ oz., \$3.00; 1 oz., \$5.00.

***Elk's Pride Dwarf.** Altho considerably dwarfer than the old Elk's Pride, this strain is not an extra dwarf or compact-growing one. The finest available in its rich purple color class. Tr. pkt., 50c; ¼ oz., \$1.00; ½ oz., \$1.75.

Snowstorm. Quite similar to White Queen. An excellent dwarf white variety. Tr. pkt., 75c; ¼ oz., \$1.75; ½ oz., \$3.00.

Petunia Grandiflora Fringed Lace Veil. An extra dwarf free-flowering fringed pure white.



OTHER FRINGED GRANDIFLORA VARIETIES

Columbia. Attractive combination of deep rose with white markings. Growth distinctly base-branching and upright in habit. Should attain a bush habit, 8 to 10 in. high in a 3 or 4 in. pot. Quite attractive and unusual type. Tr. pkt., 50c; ¼ oz., \$1.50; ½ oz., \$2.75.

Golden Jubilee. A most attractive bright carmine-rose color. Good pot plant habit. Tr. pkt., 50c; ¼ oz., \$1.50; ½ oz., \$2.75.

Pink Triumph. Clear rose pink. Tr. pkt., 50c; ½ oz., \$1.25.

Theodosia. Well-known rose with golden throat. Tr. pkt., 50c; ¼ oz., \$1.00; ½ oz., \$1.75.

Fluffy Ruffles. Altho varies considerably from its extra heavily fringed type, this strain in other respects is an attractive fringed mixture. Strong growing and quite free flowering. Tr. pkt., 50c; ½ oz., \$1.25; 1 oz., \$3.75.

***Royal Purple (Marine)** Rich deep velvety purple—growth medium dwarf. Tr. pkt., 50c; ¼ oz., \$1.40; ½ oz., \$2.50.

Formula Mixture. A high class mixture of all varieties in the Fringed Grandiflora class. Tr. pkt., 50c; ½ oz., \$1.25; 1 oz., \$2.75; 1 ½ oz., \$5.00; 1 oz., \$8.50.

ALL DOUBLE PETUNIAS

To produce fine 5 in. flowering pot plants for next Easter, (April 25) sow early October and grow cool near the glass. When well grown such plants sell for \$1.00-\$1.50. Nothing in pot plants is choicer. Good 4's are produced from a December sowing. All the seed we offer is germinating well. This seed is scarce and the cost to us has been doubled. Under these conditions we **cannot entertain germination complaints**. Maintaining the seed bed uniformly moist in a temperature of 65-70° until the seed sprouts is the all important point.

Note: Because of scarcity of seed, all the following varieties (except the Mixtures) are offered **Only in Trade Packets and Half Packets**.

Prices on Following "All Double Varieties" (except Mixture): ½ Tr. pkt., (containing approximately 500 seeds) \$1.50; Tr. pkt., (containing approximately 1000 seeds) \$2.50.

***Brilliance.** For pot plant work, an improved Pink Perfection—much more compact growth and a deeper, more brilliant color. Prefer stronger growth of Pink Perfection for outdoor bedding work.

Pink Perfection (World Beauty). The most valuable of the All Double varieties. Habit quite dwarf and compact; color a bright deep rose.

Blue Brocade. Elk's Pride purple color with quite compact growth; a little later flowering than most other All Double varieties.

Snowball. Clear white, growth only medium dwarf. Very free flowering.

Gaiety. Of fine compact growth for pot plant work. Color a Pink Perfection rose with white blotches.



Far as we have noted, this is the season's best bed of Petunias—All-Double Brilliance with All-Double Snowball partly showing. This class is more valuable for bedding than many weaker growing single kinds. The hedge is Kochia Childs edged with Celosia Dwarf Fiery Feather.

Attraction. Of the same restricted, compact growth as Brilliance and with a rose white blotched, Gaiety color type. Prefer this for pot specimen work and Gaiety for outdoor bedding.

Appleblossom. A very compact, fully double type in a light, Appleblossom Pink. A very good variety for either outdoors or as pot plants where this color is wanted.

Loveliness. Medium in growth and color varies between Appleblossom and Pink Perfection.

Amaranth Red. Medium in growth; color a deep amaranth or magenta-red.

Orchid Beauty. A medium to light lilac with darker veins. Habit somewhat tall and stringy.

Victorious Mixed. Because of scarcity of seed of individual varieties, we are unable to offer a Formula Mixture this year. We have a good supply of this regular mixture, however, and can offer seed at the following prices: ½ Tr. pkt., (containing about 500 seeds) \$1.50; Tr. pkt., (containing about 1000 seeds) \$2.50; ¼ oz., \$9.50; ½ oz., \$18.00.

DWARF GIANT PETUNIAS



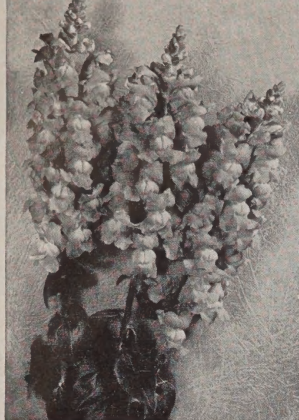
PETUNIA
BALL DWARF
GIANT NO. 1

Growers are anticipating a heavy demand for Spring pot plant material. The large flowers in a wide range of colors, mostly on the dark side, has made the Petunia, Ball Dwarf Giant No. 1, a very popular item, especially when you consider that it is also 85-90% uniformly dwarf in habit of growth. The plant pictured to the left is an unretouched photo of a specimen picked at random in our benches last Spring.

***No. 1. Ball Dwarf Giants.** Ours is an unexcelled strain for pot plant specimen work. This popular strain originated in Europe and has since been considerably reselected and improved by our American breeders with a much wider and more brilliant color range and a greater percentage of true "Giant" flowers on extra dwarf and compact growth—85 to 90% being excellent specimen plants. Our supply of seed is ample. ½ Tr. pkt., 75c; Tr. pkt., \$1.25; ¼ oz., \$2.25; ½ oz., \$4.00; 1 oz., \$7.00.

No. 2 Ramona Strain. A vigorous-growing dwarf giant strain suitable for outdoor bedding work. Some taller growing than our No. 1 strain without quite the high percentage of perfect specimens. ½ Tr. pkt., 60c; Tr. pkt., \$1.00; ¼ oz., \$1.75; ½ oz., \$2.75; 1 oz., \$5.00.

For a Complete List of Other Giant Mixtures and Varieties, See Our Spring Catalog.



The vigorous growth of Koester's White combined with its pure white color and well-set spikes, suits it ideally for spring flowering.

Early or Forcing Snaps

A sowing at this time grown on into 3 in. pot plants will make nice material for replanting mum beds during October and November. Also, because of their earlier flowering habit and trueness to color they are largely used for outdoor growing. We grow all our forcing Snapdragon seed in our greenhouses. This insures it being as true to color as it is possible to be, for we use stock seed from single plant selections made annually and this applies to all standard varieties.

PINK AND ROSE VARIETIES (Continued)

- ***Maryland Pink.** Very pleasing light cream pink. Large rounded florets with fine spike and small leaves make this a worthwhile variety. 1/2 Tr. pkt., \$1.25; Tr. pkt., \$2.00.
- New Cincinnati.** A medium light rose—about midway between Mary Ellen and Rose Queen. An excellent spring variety with extra long stems and graceful spikes. Tr. pkt., \$1.00.
- Better Times.** Excellent American Beauty rose-red. Deeper in color and slightly shorter stemmed than Christmas Cheer. Fine for spring when planted close and grown single stemmed. Tr. pkt., \$2.00.

Ball Dwarf White

An early flowering selection we have developed for Easter pot plants. Culture notes with each packet. Also see **OCTOBER GROWER TALKS**. Price: \$1.00 per packet.

If you order 3 or more full packets of varieties that are priced the same, the following schedule of grouping prices will be in effect:

WHERE PRICE IS: \$1.00 per pkt., we supply **any 3** for \$2.50; **any 5** for \$3.50; **any 7** for \$4.55. For \$1.50 pkts. we supply **any 3** for \$4.00; **any 5** for \$6.50. For \$2.00 pkts. we supply **any 3** for \$5.00; **any 5** for \$7.50.

1/2 tr. pkts. of any variety priced at \$1.00 are supplied at 60c; 1/2 pkts. of \$1.50 varieties, \$1.00. No 1/2 pkts. on \$2.00 varieties.

WHITE VARIETIES

- ***Koester's White.** We consider this the finest pure white early Snap. Fine compact spike and clean growth. Tr. pkt., \$1.50.
- White Wonder.** Our own selection being much longer stemmed and larger flowered than the original strain. A few days later than Koester's White. Tr. pkt., \$1.00.
- Lucky Strike.** The standard long stemmed heavy growing variety for spring. Creamy white. Tr. pkt., \$1.00.
- Early Westover's Fringed White (Windmill's).** An early flowering selection from Westover's Fringed White with all of that variety's characteristics. Tr. pkt., \$2.00.
- Schaffroth's White.** Extra long stems and heavy, almost pure white spikes make this an extremely fine variety for spring. Improves Lucky Strike in color and vigorous growth. Tr. pkt., \$2.00.
- Marion White.** Extra large compact spike and clean growth make this a popular spring variety. Tr. pkt., \$1.50.

PINK AND ROSE VARIETIES

- ***Cheviot Maid Reselected.** Our reselected strain of this variety is practically 100% true to its medium rose-pink color. Uniform clean habit. Tr. pkt., \$1.00.
- ***St. Louis Early Pink.** Could almost be called a spring flowering Mary Ellen, being almost identical in color to that variety. Fine long stems and flower spike with clean uniform growth. Tr. pkt., \$1.50.
- ***Peggy Schumann.** Extra fine clean growing and uniform creamy rose-pink. Heavy, stiff stems and well formed spike. Very popular with Eastern growers. Tr. pkt., \$2.00.
- ***Rose Queen.** Remains one of the finest deep rose-pinks for late winter or spring. Clean grassless growth and compact spike. Tr. pkt., \$1.00.
- ***Marie Louise.** A beautiful light shell pink resembling Sweet Pea Daphne in color. Of vigorous growth and fine for spring. Tr. pkt., \$2.00.

- ***Christmas Cheer.** Supply exhausted until next spring. We suggest our Ball Early Pink as a very close substitute.
- ***Ball Early Pink.** A fine early rose-pink similar to Radiance, but with better stem and more vigor. Tr. pkt., \$1.00.
- ***Mary Ellen.** Supply exhausted until next spring. Recommend St. Louis Pink in this color class for spring flowering.

YELLOW VARIETIES

- ***Ethel.** A fine medium deep yellow producing well formed closely set spikes. Handles and ships well because of its uniformly small leaves and freedom from wild growth. Practically 100% true to type. Tr. pkt., \$1.50.
- ***Klondyke Supreme.** Similar to Coates' Yellow, but should be preferred because of better foliage and less wild growth. Excellent for Spring. Tr. pkt., \$1.00.
- Yellow Wonder.** Somewhat deeper in color than Ethel, but varies slightly. Early flowering, but a bit short stemmed under some conditions. Tr. pkt., \$1.50.
- Carol Jean (Dornacher)** A creamy yellow somewhat lighter than Ethel. This new variety is of clean uniform growth and is rapidly finding considerable favor with many growers. Tr. pkt., \$2.00.
- Coates Yellow Perfection.** Standard deep golden yellow for spring flowering. Tr. pkt., \$1.00.

BRONZE VARIETIES

- ***Afterglow.** Identical to Rose Queen and Glorious in habit of growth. Color a rich golden bronze. Fine for spring. Tr. pkt., \$1.00.
- ***Glorious.** Similar to above but brighter and more intense in color. Tr. pkt., \$1.50.
- Miss Wooster.** A fine medium golden orange for spring flowering. Produces extra large compact heads. Tr. pkt., \$1.00.

MISCELLANEOUS VARIETIES

- ***Windmill's Lilac.** Long stemmed, strong growing, rosy lilac with long tapering spikes. True and uniform. Tr. pkt., \$1.50.
- Ball Lavender.** Slightly later and with a bit more mauve shading than above. Choice spring variety. Tr. pkt., \$1.50.
- ***Velvet Supreme.** A rich velvety crimson red with no magenta shading. A short seed crop forces us to cut orders to 1/2 Tr. pkts. only. 75c.
- Ball Christmas Red.** Identical in color to above, but earlier flowering and somewhat shorter stemmed. Tr. pkt., \$1.00.

Early or Winter Peas

350 seeds per oz.

A late September or October sowing in 3 in. pots will make fine material for replanting those Mum beds; and such a start saves a month of greenhouse time. If grown cold during the dark months, this sowing is at its best for next Easter and is usually more profitable than the early, mid-winter crop. We have been specializing in peas for many years and have originated all the best varieties on our list. Our experience and suggestions on growing peas are freely and regularly presented in our monthly "GROWER TALKS."

Prices on all following Early or Winter Flowering Pea varieties, except where noted is as follows: 1/2 oz., 25c; 1 oz., 40c; 4 ozs., \$1.25; 1 lb., \$4.00.

OUR 12 BEST VARIETIES

- Ball Rose Queen.** Extra long stems and large flowers, with vigorous growth, place this variety at the head of the clear rose pinks.
- Ball Rose Supreme.** Large flowered, bright, clear silvery rose pink. Excellent producer that decidedly improves our Ball Rose Improved.
- Hiawatha.** Strong growing large flowered fine deep rose. An exceptionally warm and brilliant color for spring.
- Twilight.** A bright, clear, large flowered lavender that improves Harmony in flower size and stem length.
- Triumph.** Long stemmed rich lilac mauve. A fine market variety that is becoming increasingly popular.
- Tahoe.** The finest clear medium blue for spring. Improves Mrs. Hoover in flower size and stiffness of stem.
- Princess Blue.** Soft, light lavender-blue. Extra large flowers and long stems make this a choice variety. Price: 1/2 oz., 35c; 1 oz., 50c; 4 ozs., \$1.50; 1 lb., \$5.00.
- Ball White.** The largest flowered, longest stemmed, pure white. Use care, in germinating this white seeded variety, not to overwater.
- Ball Salmon.** Fairly deep salmon or coral pink; brighter in spring than Daphne. Medium flower size, but an excellent producer. Price: 1/2 oz., 35c; 1 oz., 50c; 4 ozs., \$1.50; 1 lb., \$5.00.
- Ball Orange Improved.** The finest clear orange. Of medium growth, but a brilliant intense color.



This photograph shows the effect of steam sterilizing soil. Not very clear but will give an idea of the great importance of clean soil. After a season or two, greenhouse soil rapidly fills with rot because it is not exposed to the sterilizing effect of frost, open sun, and heavy rains.



(Right)

After 15 years we have found a variety that seems to beat the old-timer Harmony. Ferry-Morse's new Twilight, altho practically identical to Harmony in color, both in mid-winter, and spring, improves it considerably with a much stronger growth and longer stem and larger flower. We unhesitatingly recommend TWILIGHT as the best lavender winter-flowering Sweet Pea.

- Treasure Island.** Long stemmed, glowing orange-scarlet, exceptionally large, wavy flowers of good substance. Price: 1/2 oz., 35c; 1 oz., 50c; 4 ozs., \$1.50; 1 lb., \$5.00.
- Fiesta.** Large flowered, brilliant orange-cerise. We consider this striking color the finest red in early peas. Price: 1/2 oz., 35c; 1 oz., 50c; 4 ozs., \$1.50; 1 lb., \$5.00.
- 12 Best Mixture.** Our own formula mixture of the above varieties predominating in the best commercial colors.

Spring Flowering Peas

An entirely new class that is intermediate in flowering and habit between the Winter and Summer flowering type. If sown in our section before October, they get too tall. Sow late October, November and December. They are sown to advantage as late as February. Such a sowing will flower at a height of 2-3 ft. and 10 days to 2 weeks later than the earlier start. While they do not flower quite so early as the Winter class, their stronger growth enables them to hold out longer in Spring.

- ***Black Seeded White.** Excellent pure white. Its large frilled flowers and heavy stems make an outstanding display.
 - ***Navy Blue.** Brilliant deep marine blue. Vigorous growth and fine large flowers.
 - Light Blue.** Beautiful light Princess Blue shade. Nicely ruffled flowers increase its value.
 - Light Carmine.** (Deep Rose Cerise) A pleasing bright cerise rose on salmon. Fine stem and lots of 4's.
 - Light Cream Pink.** Extra long stemmed, soft light cream pink. Prices on all above Spring Flowering Varieties: 1/2 oz., 60c; 1 oz., \$1.00; 4 ozs., \$3.75; 1 lb., \$12.50.
 - ***Mauve.** Closely resembles Winter Flowering Triumph in its rich coloring. Of fine spring flowering habit.
 - Blue.** A fairly deep "Hoover" blue.
 - Lavender.** A clear even shade. Good producer.
 - Rose Pink.** Similar in color to Laddie Improved.
 - ***Mixture.** A formula mixture balanced according to demand for each color.
- Prices on all above Spring Flowering Varieties: 1/2 oz., 35c; 1 oz., 50c; 4 ozs., \$1.50; 1 lb., \$5.00.

Miscellaneous Cut Flower Items

ASPARAGUS

750 s.

Supplies of seed on hand for Fall delivery are quite good. New crop seed is expected in February. We will, of course, be glad to book orders now for delivery from new crop just as soon as available.

Plumosus. The finer textured kind.
Sprengeri.

Prices on above 2 varieties EACH: 100 seeds 25c; 250 seeds 50c; 1000 seeds \$1.25; 5000 \$5.00; 1 lb., \$9.00.

CALENDULA

3,000 s.

***Ball Imp. Long Orange.** Our largest-flowered and longest-stemmed variety. Color bright orange with light eye.

***Masterpiece.** Long-stemmed clear-deep orange with brown center.

***Ball Gold.** Long-stemmed deep golden yellow with light eye.

***Ball Lemon Queen.** Lemon yellow with brown eye.

Ball Apricot. A new large-flowered strain—color light straw or buff with dark center.

Prices on all above varieties EACH: Tr. pkt., 40c; 1/4 oz., 60c; 1 oz., \$2.00; 2 ozs., \$3.50; 4 ozs., \$6.50.

Prices on weight lots will be accepted on 2 or more varieties together. For instance, on 1/4 oz. each of 4 varieties, instead of allowing 60c each, the ounce price of \$2.00 will be accepted.

Ball Formula Mixture. A carefully blended mixture made up by ourselves from the above varieties only.

Ball Art Shades Mixture. A trial ground mixture of many new and original shades and combinations.

Prices on above mixtures only each: Tr. pkt., 35c; 1/4 oz., 50c; 1 oz., \$1.50.

CANDYTUFT

9,500 s.

Giant White. (Hyacinth flowered—Ball Strain) Sown in the fall for midwinter and spring crops. Ours is a specially selected greenhouse strain. Price: Tr. pkt., 20c; 1/2 oz., 40c; 1 oz., 75c; 4 ozs., \$2.35; 1 lb., \$7.50.

CENTAUREA CYANUS

BACHELOR BUTTON 6,500 s. We have good supplies of new crop seed on the following special florists' strains.

***Blue Boy.** The standard Bachelor Button blue variety.

Black Boy. Deep maroon.

Red Boy. Deep carmine rose.

***Pinkie.** Rose pink.

***Snow Man.** Pure white.

Formula Mixture of all colors in this class.

Prices on all above varieties each: Tr. pkt., 15c; 1 oz., 40c; 4 ozs., \$1.35; 1 lb. \$4.50.

LARKSPUR

8,000 s.

SIX BEST CUTTING VARIETIES

This list is made up from our own experience and flowering trials of all available varieties as well as country-wide demands. We suggest your planting be largely confined to varieties on this list. All varieties are of the Base Branching type.

***Blue Bell.** A clear medium-light blue.

***Blue Spire.** Deep violet blue.

***Sweet Lavender.** A clear even lavender.

***Gloria Imp.** A fine clear, deep rose.

***Rosalind.** A rose with distinct salmon shading.

***White King.** A pure glistening white.

6-best Mixture. A formula mixture of the above varieties.

(For prices on above, see next column.)

Base-Branching or Imperial Varieties

Except "Six-Best"

Carmine King. Bright carmine-rose. Prefer Dazzler.

***Coral King.** Pleasing soft, coral rose. Fine base-branching habit.

Daintiness. Light lavender. Color "washy" under outdoor conditions.

***Dazzler.** Bright carmine rose—deeper than Carmine King.

***Exquisite Pink Imp.** Fine soft pink.

***Lilac King.** A clear, even lilac-lavender. Slightly lighter than Sweet Lavender. Fine base-branching habit.

***Lilac Queen.** Rich deep lilac-lavender.

Los Angeles Imp. Bright salmon-rose.

***Miss California.** Fine salmon-pink.

***White Cockade.** Fine pure white; fully double flowers and excellent base-branching habit.

White Spire. Clear White.

***Formula Mixture.** Mixture of all the above varieties predominating in the good commercial colors.

Prices on all above varieties including mixtures and the Six Best: Tr. pkt., 25c; 1/4 oz., 35c; 1/2 oz., 60c; 1 oz., \$1.00; 1 lb., \$10.00. 4 oz. of any one variety at lb. rate.

LILY WHITE QUEEN

8,200 s.

Altho primarily intended as a bench-grown cut flower Lily, our White Queen is being used quite successfully by some growers as a pot plant Lily for Easter. See the article beginning on page 10 of June "GROWER TALKS" for methods used by these growers. For Easter pot plants, seed should be sown in Feb. or early March. For spring cut flowers, sow in November or December. PRICE: 1/2 Tr. pkt., 60c; Tr. pkt., \$1.00; 1/8 oz., \$1.75; 1/4 oz., \$3.75; 1 oz., \$12.00.

LUPINE (Annual)

For a crop during the spring months, seed should be sown immediately (October). Convenient as an after-Mum crop. **GIANT KING.** 1,300 s. The longest-stemmed and largest-flowered strain.

***Oxford Blue.** Standard rich, deep blue.

Heliotrope. Pleasing rosy lavender.

Sky Blue

White

Mixture

Prices on all above each: Tr. pkt., 20c; 1 oz., 50c; 4 ozs., \$1.60.

MYOSOTIS (Forget-me-not)

***Ball Early.** 44,000 s. Our winter-flowering strain of the popular Blue Bird. Will flower in 90 days from seed and flowers continuously thruout winter and spring. PRICE: Tr. pkt., 35c; 1/4 oz., 85c; 1 oz., \$2.85.

NASTURTIUM

175 s.

The following varieties are of the double climbing type that, from an October or November sowing, will produce an abundance of brightly colored, fragrant flowers thruout the early spring months. Plant 12 in. apart in a well-exposed location and provide substantial support.

***Golden Gleam.** The original golden yellow double variety. **Scarlet Gleam.**

***Gleam Hybrids.** A complete and brilliant mixture of all double varieties and many intermediate shades.

Prices on above, each: 1 oz., 15c; 4 ozs., 50c.

MISCELLANEOUS CUT FLOWER ITEMS (Continued)



A bed of our new White Queen Lily from seed in full flower.

MARIGOLD

WINTER FLOWERING. 9,000 s. The following are "short-day" varieties that flower only in the short days of winter. Sowing season is, therefore, limited in our latitude beginning end of July to first part of December. **DO NOT SOW AFTER THAT DATE.**

***Australian Tree.** The standard variety. Rich mahogany-red with golden yellow crest. 95% double flowered. PRICE: Tr. pkt., 25c; ¼ oz., 40c; 1 oz., \$1.25.

Lieb's Strain. Very similar to above. PRICE: Tr. pkt., 25c; ¼ oz., 50c; 1 oz., \$1.75.

Lieb's Winter Sunshine. Larger-flowered than above and clear yellow. PRICE: Tr. pkt., 25c; ¼ oz., 50c; 1 oz., \$1.75.

GIANT AFRICAN. 10,000 s. This class comprises the large-flowered, double and long-stemmed varieties that can be sown in Nov. for a late winter crop or later for spring. For winter and early spring crops, plants should be grown in shallow (4 in.) soil and grown close (4x4 in.) for single-stem flowering.

***All Double Orange.** The standard large flowered orange.

***All Double Lemon.** Same as above but a lemon yellow.

***All Double Mixture.** A mixture of above two with intermediate shades.

***Guinea Gold.** Of the loosely-petalled Carnation-flowered type. Color deep golden orange.

***Yellow Supreme.** The popular Carnation-flowered light lemon yellow. Not as long-stemmed as either Guinea Gold or Gold Imp.

***Gold Imp.** An excellent greenhouse forcing strain in the Carnation-flowered type. Color a bright golden orange.

Prices on above six varieties each: Tr. pkt., 25c; ¼ oz., 40c; 1 oz., \$1.40.

MARIGOLDS (Continued)

DWARF FRENCH. 9,000 s. The following varieties are particularly early flowering and dwarf, compact growers. Many growers sow in October for mid-winter pot plants.

***Spry.** An extra early flowering and dwarf variety. Mahogany outer petals with yellow center. A very excellent variety. Tr. pkt., 25c; ¼ oz., 50c; 1 oz., \$1.75; 4 ozs., \$5.50.

***Butterball.** Of the same extra early flowering, compact habit as Spry—color a lemon or butter yellow. Tr. pkt., 25c; ¼ oz., 50c; 1 oz., \$1.75; 4 ozs., \$5.50.

Harmony. The standard and biggest selling variety in this dwarf French class. Deep orange crest with maroon guard petals. Tr. pkt., 15c; ¼ oz., 25c; 1 oz., 85c; 4 ozs., \$2.75.

MIGNONETTE

***Ball Strain.** 27,000 s. Selected for early flowering and full spikes of large white flowers. Sow seed in October for late spring crop. PRICE: ½ Tr. pkt., 60c; Tr. pkt., \$1.00; ¼ oz., \$1.75.

WALLFLOWER (Annual)

Gold Standard. 14,000 s. Richly fragrant spikes of golden yellow flowers produced in spring from an October sowing. PRICE: Tr. pkt., 25c; ¼ oz., 75c.

Vegetables for Forcing

Lettuce (About 15,000 seeds per oz.)

Grand Rapids Forcing. Loose Leaved. Our strain has proved to be the best adapted for greenhouse forcing. 1 oz., 15c; 4 ozs., 50c; 1 lb., \$1.50.

Bel-May. Heading Strain of May-King resistant to downy mildew. Forcing of head lettuce requires particular culture and is not good for inter-cropping with other crops, demanding temperatures above 60°. ¼ oz., 40c; 1 oz., \$1.25.

Radish (1 oz. for 100 ft. row).

Early Scarlet Globe—Short Top. Best forcing strain grown for us by the originator. 1 oz., 15c; 4 ozs., 35c; 1 lb., \$1.00.

Tomato (About 9000 seeds per ounce).

Michigan State Forcing. Wilt Resistant, medium size, globular, and deep scarlet fruits in large clusters. Tr. pkt., 25c; 1 oz., 80c; 4 ozs., \$2.70; 1 lb., \$8.00.

The dwarf Spry Marigold is made more attractive than the variety Harmony thru its Yellow center being lighter colored—therefore, making a brighter contrast. Choice to flower in 2-2½'s for mid-winter flowering and use in combinations. Don't overwater and grow in a carnation house temperature.



EARLY SOWN BEDDING PLANTS



The visitors shown above are inspecting our extensive annual Pansy trials. All fine strains available are lined up here for comparison.

PANSIES

25,000 s.

New crop supplies on most Pansy varieties are quite good, and we can supply the following varieties for immediate shipment. For a complete list of Pansy and Viola varieties, descriptions and prices, see our mid-summer catalog.

Ball Giant Mixture. Our biggest-selling strain. A reselected Swiss or Roggli strain that is famous for rich and unusual colored flowers. Our best all-purpose mixture. Tr. pkt., 40c; ¼ oz., \$2.00; ½ oz., \$3.50; 1 oz., \$6.00.

Ball Giant Mixture Dwarf Strain. Same as above, but selected for distinctly dwarf and compact plants. Tr. pkt., 50c; ¼ oz., \$2.00; ½ oz., \$3.50; 1 oz., \$6.00.

Maple Leaf Giants. Extra large flowered with heavy, vigorous growth and good stems. Tr. pkt., 50c; ¼ oz., \$2.50; ½ oz., \$4.50; 1 oz., \$8.00.

Steele's Jumbo Mixture. We handle only the originator's seed of this famous large flowered strain. Tr. pkt., \$1.00; ½ oz., \$2.00; ¼ oz., \$3.75; ½ oz., \$7.25; 1 oz., \$14.00.

Canadian Giants. A select Canadian stock of Maple Leaf strain. Very large flowered and with a good color range. Tr. pkt., 75c; ½ oz., \$1.30; ¼ oz., \$2.50; 1 oz., \$9.00.

SALVIA

From prospects in view at this writing, supplies of new crop Salvia seed should be ample in most varieties in November or early December. In these days of uncertainties, early placing of orders is advisable, however, particularly if you use any quantity of seed. Following are most of the important varieties; a complete list will appear in our January 1st catalog.

Blaze of Fire. The standard early flowering and dwarf strain. Used chiefly by those who must sell Salvia in flower. Tr. pkt., 50c; ¼ oz., \$1.50; 1 oz., \$5.50.

Firebrand. (Early Harbinger) A medium early variety, between Blaze of Fire and America in flowering time and height. 20 in. Tr. pkt., 50c; ¼ oz., \$1.25; 1 oz., \$4.25.

America. (Globe of Fire) 24 in. The standard and biggest selling of the scarlet Salvias. Ours is a particularly uniform strain. Tr. pkt., 50c; ¼ oz., \$1.25; 1 oz., \$4.00.

Bonfire. 30 in. Medium tall and fairly late flowering. These later flowering strains are at their best in the early fall—latter part of August and September, when the earlier varieties begin to look a little ragged. Tr. pkt., 50c; ¼ oz., \$1.25; 1 oz., \$4.00.

Splendens Tall. 36 to 40 in. Our tall, Fall flowering strain. Tr. pkt., 35c; ¼ oz., \$1.00; 1 oz., \$3.50.

VERBENA

10,000 s.

We should have plenty of new crop Verbena seed in all varieties by early December. Following is an abbreviated list of the most popular varieties. For a complete listing, see our Jan. 1st catalog.

GRANDIFLORA. The large flowered, spreading type.

Beauty of Oxford Hybrids. Particularly large flowered strain in shades of deep pink.

Crimson Glow. Extra deep rich crimson with no eye.

***Dannebrog.** Brilliant scarlet with large white eye. Growth not as spreading as other varieties.

Ellen Wilmott. Large flowered salmon pink.

Lavender Glory. Fine, large flowered fairly deep lavender. Color varies some light to dark.

***Pure White.** Very even and clear white strain.

Rosea Stellata. Clear deep pink with white eye.

***Royale.** Large flowered deep blue with white eye.

***Spectrum Red.** Brilliant rich scarlet with no eye. A very uniform strain.

Mixture. Of all colors in the Grandiflora class.

COMPACTA. The dwarf and compact class. Make attractive pot plants for early spring sales. Must be sown early.

***Fireball.** 4 to 5 in. Extra dwarf fiery scarlet.

Mixture of all colors in this compact class.

***Violet Bouquet.** 10 to 12 in. Distinctly upright symmetrical habit. Ours is a very uniform strain.

Royal Bouquet. Same habit as above, but a mixture of colors.

Prices on all above Verbena varieties: Tr. pkt., 35c; ¼ oz., 70c; 1 oz., \$2.50.

Venosa. 60,000 s. 8 to 10 in. A dwarf bedding Verbena that flowers continuously thruout our hot mid-western summers. Deep lilac flowers produced quite freely. Tr. pkt., 25c; ¼ oz., 40c; 1 oz., \$1.50.

VINCA ROSEA

21,000 s.

At present writing prospects for at least limited supplies of new Vinca seed look all right. We should have seed to deliver early in November.

Crimson. (Kermesina) A magenta crimson—much deeper than the regular Pink.

Pink. (Rosea) The standard pink Vinca.

Alba Pura. Pure white with no eye.

Twinkles. An improved strain of Delicata that we no longer carry. White or light pink with deep pink eye.

Mixture of all above colors.

Prices on all above varieties and Mixture each: Tr. pkt., 25c; ¼ oz., 45c; 1 oz., \$1.50.



Vinca Rosea—one of the finest all purpose bedding plants.



Calceolaria Multiflora Nana is the variety shown above as it was flowering here at West Chicago this spring. All of these are grown for seed . . . along with several other popular strains.

Miscellaneous Pot Plant Items

SCHIZANTHUS

(60,000 seeds per oz.)

***Ball Dwarf Mixture.** A distinctly dwarf growing strain with compact heads of medium sized flowers. At its best in a 3 or 4 inch pot. Sow in October for Easter pot plants. Price: Tr. pkt., 50c; $\frac{1}{8}$ oz., \$1.50.

***Giant Blotched.** Brightly colored rose and pink shades, with contrasting dark centers. Somewhat earlier than most strains and a good pot plant if well pinched. Price: Tr. pkt., 50c; $\frac{1}{8}$ oz., \$1.25.

Dr. Badger's Improved Hybrids. A brightly colored large-flowered strain of medium height. Suitable either for pots or cutting. Price: Tr. pkt., 35c; $\frac{1}{4}$ oz., \$1.00.

Ball Brilliant Blend. A carefully blended mixture of fairly tall growing varieties recommended for the grower who grows a limited number of plants and wants a complete mixture. Price: Tr. pkt., 35c; $\frac{1}{8}$ oz., 75c; $\frac{1}{4}$ oz., \$1.15.

CINERARIAS

***Siter's Rainbow Strain.** An excellent market strain with immense heads of medium large, mostly white eyed flowers and small foliage. Contains many striking colors: Price: Tr. pkt., \$2.00; $\frac{1}{4}$ oz., \$2.50; $\frac{3}{8}$ oz., \$4.50; $\frac{1}{2}$ oz., \$8.00.

***Multiflora Nana, Gold Center.** The attractive medium small self-colored flowers with yellow anthers, combined with large compact heads makes this a very popular variety. Good shipper. Price: Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$1.85; $\frac{3}{8}$ oz., \$3.50.

***Cremers' Prize Strain.** (Reselected stock) 6300 seeds per $\frac{1}{2}$ oz. Continues to be the standard florists' strain. Composed principally of good reds and blues, with a fair proportion of other shades. About half-light-eyed. Price: Tr. pkt., \$1.50; $\frac{1}{4}$ oz., \$2.25; $\frac{3}{8}$ oz., \$4.00; $\frac{1}{2}$ oz., \$7.50.

Grandiflora Dwarf Mixed. Fairly large flowered dwarf growing strain composed mostly of white eyed sorts in a good color range. Price: Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$1.75; $\frac{3}{8}$ oz., \$2.75.

Grandiflora Azure Blue. Medium flower size; fairly light blue. Price: Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$1.75.

No. 1 Mixture. Consists of Cremers' Prize Strain and Berlin Market Mixed in equal proportions. Price: Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.00; $\frac{3}{8}$ oz., \$3.75.

No. 2 Mixture. Contains $\frac{1}{2}$ Cremers' Prize Strain and $\frac{1}{4}$ each Berlin Market and Multiflora Nana Mixed. Price: Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.00; $\frac{3}{8}$ oz., \$3.75.

CALCEOLARIAS

(About 20,000 seeds per $\frac{1}{2}$ oz.)

***Multiflora Nana Mixture** (Ball Strain) Dwarf in growth with large compact heads of medium sized flowers. This is our own carefully selected strain and contains many colors new in this class. Fine for shipping. Price: Tr. pkt., \$1.00; $\frac{1}{128}$ oz., \$2.25; $\frac{1}{64}$ oz., \$4.00; $\frac{3}{8}$ oz., \$7.00.

***Grandiflora Mixed.** Fairly strong growing with extra large flowers. Contains an extremely wide range of unusual colors. Price: Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.25; $\frac{3}{8}$ oz., \$4.00.

Dwarf Tigered and Spotted. Quite dwarf and compact with very full flower heads. Contains varying shades of reds and rosy bronzes. Price: Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.50; $\frac{3}{8}$ oz., \$4.50.

Triumph Strain. Large flowered vigorous growing strain in shades of bright red and yellow. Price: Tr. pkt., \$1.25; $\frac{1}{128}$ oz., \$2.00; $\frac{1}{64}$ oz., \$3.75.

SHAMROCK

True Irish Shamrock. 38,000 s. (Trifolium Minor). Sow Jan. 1st in Carnation house temperature (cooler after germination) for 2 in. St. Patrick's Day plants. Use 3 or 4 seedlings per pot. Tr. pkt., 20c; $\frac{1}{4}$ oz., 40c; 1 oz., \$1.25.

BEGONIAS

***Adeline.** Dwarf, small but extra free flowering bright pink. Price: Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.50.

Scandinavia. Free flowering bright rose pink; moderately strong bushy growth. Price: Tr. pkt., \$1.00; $\frac{1}{128}$ oz., \$1.75; $\frac{1}{64}$ oz., \$3.25.

Ball White. (New) Dwarf and compact with medium sized flowers. Improves White Pearl in habit and purity of color. Price: Tr. pkt., \$1.00; $\frac{1}{128}$ oz., \$1.75; $\frac{1}{64}$ oz., \$3.25.

Pink Radio. (New) Fairly strong growing rich glowing rose, Extra large flowers frequently measuring 2 inches in diameter. Price: Tr. pkt., \$1.00; $\frac{1}{128}$ oz., \$1.75; $\frac{1}{64}$ oz., \$3.25.

***Christmas Cheer.** Bright crimson-scarlet of bushy growth. Price: Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$1.75; $\frac{3}{8}$ oz., \$3.00.

***Carmen.** The original bronze-leaved Begonia. Flowers a bright rose-pink, medium dwarf habit. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.00; $\frac{3}{8}$ oz., \$3.75.

PRIMULA MALACOIDES

(12,000 seeds per $\frac{1}{2}$ oz.)

***Riverside.** Strong growing bright rose with no lavender shading. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.25.

***Red Rose.** Dark selection of the above; a "Better Times" color. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.25; $\frac{3}{8}$ oz., \$4.00.

Baby Rose. Bright orchid rose. Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.00; $\frac{3}{8}$ oz., \$3.75.

Baby Alba. Good sized clear white. Price: Tr. pkt., \$1.00; $\frac{1}{4}$ oz., \$2.00.

We can also supply any of Mr. Eriksson's varieties in sealed originator's packets. See our June catalog, No. 44 for complete list.

ALOE VARIEGATA

New crop just received. The most popular seed-grown succulent. 8-12 months for the production of well established plants in small pots. 100 seeds, \$1.50; 500 seeds, \$6.50; 1000 seeds, \$11.00.



★ Seasonable Bulbs ★

FROM OUR PLANT DEPARTMENT

From all indications, cut flowers and pot plants will not meet the demand this winter. Any of the items listed can be flowered with minimum labor and expense and will make money for the grower. Quality of these bulbs is excellent. ORDER NOW. Shipment will be made at once or on arrival. Terms 2%-10 days, Net 60, F.O.B. West Chicago. Where the 100 price is not given, add 10% to 1000 rate.

ANEMONES

		Prices per M	
		Diameter 7/8-up	3/4-7/8"
MONARCH DE CAEN	Single Poppy type.....	\$27.50	\$22.50
ST. BRIGID	"Creagh Castle" Double	35.00	27.50
BLUE POPPY	Bright Blue. Single.....	35.00	27.50
HIS EXCELLENCY	Bright Scarlet, single....	35.00	27.50
THE BRIDE— PURE WHITE	Single	35.00	27.50

FREESIAS

		Prices per M	
		1/2-5/8"	5/8-3/4"
PURITY	Earlies forcing white....	\$ 7.00	\$11.50
APOTHEOSE	Lilac-pink. White throat	10.00	15.00
GOLDEN AFFODIL	Giant Golden-yellow	8.00	12.00
SPLENDENS	Improved Lavender-blue	12.50	18.00
SUNSET	Golden-yellow. Orange tints	10.00	15.00
WHITE CHIEF	Pure white, Late bloomer	7.00	12.00

DAFFODILS

DN.	DN.		DN.	DN.
No. 1	No. 2		No. 1	No. 2
Per M			Per M	
Albus plenus		Glory		
odoratus ..\$48.00		Sassenheim	60.00	48.00
Bari		Golden Sceptre	54.00	42.00
Conspicuous	48.00	Laurens Koster	50.00	42.00
Bernadino	52.00	Liberty	64.00	52.00
Campanelle		Marigold	50.00	38.00
Rug	50.00	Poeticus		
Cheerfulness	62.00	Ornatus	46.00	
Diana		Spring Glory	60.00	48.00
Kasner	56.00	The First	62.00	
Elvira	50.00	Von Sion	56.00	44.00

IRIS

	Per M					
	5-6	6-7	7-8	8-9	9-10	10-11
Wedgewood			\$18.00	\$30.00	\$40.00	
Imperator	\$11.00	18.00	28.00			
J. W. de Wilde		32.00	40.00			
J. de Wit	11.00	18.00	28.00			
Poggenbeek		18.00	28.00			
Van Everdingen		26.00	38.00			
Yellow						
Queen	\$12.00	\$20.00	32.00			

Amaryllis in the following separate shades: Red Shades, Scarlet Shades, White Ground with Red or Pink Stripes.

Mixed Amaryllis	Per 10	Per 100	Per 1000
2 1/2" to 3"	\$3.00	\$25.00	\$225.00
3" to 3 1/2"	3.50	30.00	275.00
3 1/2" & up	4.00	35.00	325.00
Separate Shades	Per 10	Per 100	Per 1000
2 1/2" to 3"	\$3.50	\$30.00	\$275.00
3" to 3 1/2"	4.00	35.00	325.00
3 1/2" & up	4.50	40.00	375.00

November Delivery

RANUNCULUS—Tecolote Giants

By far the largest and most magnificent strain of Ranunculus ever offered to the trade. Flowers are very double. Blended with semi-double.

		Price per M		
		1" up	7/8-1"	3/4-7/8"
Mixed colors	.....	\$27.50	\$22.50	\$17.50
Red shades	.....	35.00	27.50	22.50
Yellow shades	.....	35.00	27.50	22.50
Golden Yellow	.....	35.00	27.50	22.50
Pink shades	.....	40.00	32.50	27.00
Orange shades	.....	40.00	32.50	27.00
White shades	.....	40.00	32.50	27.00

CALLA LILIES

AETHIOPICA—White

	per M	Diameter	per M
1 1/4-1 1/2"	\$ 60.00	1 3/4"-2"	\$170.00
1 1/2-1 3/4"	115.00	2-2 1/4"	250.00

ELLIOTIANA (Yellow) Dec. del.

Diameter	per M	Diameter	per M
1 3/4-2"	\$ 65.00	2 1/2-3"	\$190.00
2-2 1/2"	100.00	3-up	290.00

BEGONIAS Tuberous Rooted

December—January Delivery

Size	Per 100	Per 1000
1" - 1 1/2"	\$ 6.50	\$55.00
1 1/4" - 1 1/2"	9.00	80.00
1 1/2" - 2"	12.00	110.00
2" - up	16.00	150.00

Assorted or Named Varieties

GLOXINIAS—Assorted or Named Varieties

December—January Delivery

Size	Per 100	Per 1000
1" - 1 1/2"	\$12.00	\$110.00
1 1/4" - 1 1/2"	16.00	150.00
1 1/2" - 2"	20.00	185.00
2" - up	27.00	250.00

PERENNIALS

A well selected planting will maintain a supply of cut material thruout the summer; and such flowers are less costly than greenhouse grown. Our illustrated 36 page perennial catalog for the asking.

Free Booklet on Bulb Culture With Every Order. Need Dormant Roses, Azaleas or Hydrangeas? Geraniums out of 2 1/4"? Write for our lists.

YOUNG STOCK FROM BALL'S SEED

We have available during the season small plants for growing on. Raised from our own seed—Snaps, Stocks, Begonias, Cinerarias, Calceolarias, etc. Write us the variety, quantity you need—We will quote.

"Flower Seeds for Florists"

Gro. Ball
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